AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (previously presented): Method for grinding a saw chain (26), comprising steps of:

clamping said saw chain (26) in a position suitable for grinding,

manually transferring a rotating grinding disc (11) from an inactive position to an active position, and

effecting grinding of a cutter link (39) of the saw chain (26) when the grinding disc (11) has assumed an active position,

wherein the transfer of the grinding disc (11) from an inactive position to an active position is effected by means of a rectilinear movement of the centre of rotation (8) of the grinding disc (11), and wherein the rectilinear movement is carried out by rolling contact between a supporting means (5) and a guide (1).

Claim 2 (previously presented): Method according to claim 1, wherein the clamping of the chain (26) is effected before the grinding disc (11) has assumed its active position.

Claim 3 (previously presented): Method according to claim 1 or 2, wherein the manual transfer of the grinding disc (11) from an inactive to an active position automatically generates a clamping of the saw chain (26).

Claim 4 (currently amended): Device for grinding a saw chain, said device comprising means (25) for clamping the saw chain (26) in a position suitable for grinding, a rotatable grinding disc (11) and means for manually transferring the grinding disc (11) from an inactive position to an active position, wherein grinding of a cutter link (39) of the saw chain (26) is performed, the device further comprising a guide (1), a carriage (5) displaceable along the guide (1), said carriage (5) supporting the grinding disc (11), ~~cooperating means~~rotatable means between the guide (1) and the carriage (5) being designed in such a way that the carriage (5) moves rectilinear along the guide (1), wherein the rotatable means (7) are provided to abut the guide (1) in order to establish a rolling contact when the carriage (5) is displaced relative to the guide (1).

Claim 5 (previously presented): Device according to claim 4, wherein the guide (1) is equipped with external grooves (3) on opposite sides of the guide (1), and that the rotatable means (7) are received in the grooves (3).

Claim 6 (previously presented): Device according to claim 5, wherein the rotatable means constitute ball bearings (7).

Claim 7 (previously presented): Device according to any of the claims 4-6, wherein the means for manually transferring the grinding disc (11) from an inactive position to an active position comprise a link system (13,15) that is pivotally connected to the guide (1), and a control handle (22) that is intended to be manually activated by an operator.

Claim 8 (previously presented): Device according to claim 4, wherein the means (25) for clamping the saw chain (26) comprise a wire (31) that is arranged in such a way that when the wire (31) is subjected to a force in a predetermined direction along the wire (31) two chain rulers (29) of the clamping means are urged towards each other thereby effecting a clamping of a drive link (38) of the saw chain (26) between the chain rulers (29).

Claim 9 (previously presented): Device according to claim 8, wherein an abutment (34) is provided at an end of the wire (31) that is located adjacent to the chain rulers (29), that the wire (31) extends through the chain rulers (29), and that the wire (31) is connected to a second link (15) that is part of the means for transferring the grinding disc (11) from an inactive to an active position.

Claim 10 (previously presented): Device according to claim 9, wherein the wire (31) is resiliently connected to the second link (15), via a pressure spring (37).

Claim 11 (previously presented): Device according to claim 5, wherein the means (25) for clamping the saw chain (26) comprise a wire (31) that is arranged in such a way that when the wire (31) is subjected to a force in a predetermined direction along the wire (31) two chain rulers (29) of the clamping means are urged towards each other thereby effecting a clamping of a drive link (38) of the saw chain (26) between the chain rulers (29).

Claim 12 (previously presented): Device according to claim 6, wherein the means (25) for clamping the saw chain (26) comprise a wire (31) that is arranged in such a way that when the wire (31) is subjected to a force in a predetermined direction along the wire (31) two chain rulers (29) of the clamping means are urged towards each other thereby effecting a clamping of a drive link (38) of the saw chain (26) between the chain rulers (29).

Claim 13 (previously presented): Device according to claim 7, wherein the means (25) for clamping the saw chain (26) comprise a wire (31) that is arranged in such a way that when the wire (31) is subjected to a force in a predetermined direction along the wire (31) two chain rulers (29) of the clamping means are urged towards each other thereby effecting a clamping of a drive link (38) of the saw chain (26) between the chain rulers (29).